

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FOOTNOTES

FIG. 1

CATAAATCAGCAGCTACTAACACTCAAGCAATGCTTCAGTTGGAACTAATACCTCAGAGGCAGC
TGGTGTGAACATGCAACACGGATTACAGCTCCAGTGGCACAGCAGCCACTAGGAAATTAATTTTGAAAG
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AACTTTCCGGCAGACAAAGCGGTGGAGAAACACTGAGGCTACCTGACCCGAGAGATCGAATCAATTC
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GGGTGTTATGAGCAACTTTTGTCTCCCTGAGGTGTTGTGACTCTGGGTGTCATCAGCTTGTGGAGAAAT
ATTCTGGTGATTGTGGCAATAGCCAAGAAACAAACCTGCATTCGCCCATGTACTTTTTCATCTGCAGCCTG
GCTGTGGCTGATATGTTGGTGAGCGGTGTCAAACGGATCCGAAACCATTTGTATCACCCATTAACAGTACA
GATACGACGCGCAGAGTTTACCGTGATATTGATAATGTCATTGACTCGGTGATCTGTAGCTCCTTGCTT
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ACATCATGACGGTCAGCGGGTTGGGATCATCATAAGTTGTATCTGGGACAGCTTGACGGTTTCGGGCGGTTT
TGTTTCATCATCTACTCAGACAGCAGTGTCTATCATCTGCTCCATCACCATGTTCTTCCATGCTGGCTCT
CATGGCCTCTCTATGTCCACATGTTCTCATGGCCAGACTGCACATTAAGAGAAATGCTGTCTCCCGGG
CACTGGCACCATCCGCCAAGGGGCCAACATGAAGGGTGCAATTACCCCTGACCATACTGATGGGGTCTTTG
TTGTCTGTGGGCCCCGTTCTTCTCCACTTAATATTCTACATCTCTTGTCCCCCAGAACTCTACTGTGTG
CTTCATGTCTCACTTTAACCTGTATCTCATACTGATCATGTGTAATTCATCATCGACCCCTCTAATTTATGCACT
CCGGAGCCCAAGAACTAAGGAAACCTTCAAAGAGATCATCTGTGTCTATCCCTCTAGCGGCTCTGTGAT
TGCTAGCAGATACTAAGTGTGAGATAGAAACGTGCATAAGAGACTTCTTTCATCTTACAGAACCGGAACA
TTGTGCTTTTGATGACCCCTTTTCTCCTCTGTGTAAAGGCATGGGTGAGACTATCTGTGTGTATAAATTTAAGTTC
ATGACTTTTTTTTGGAAATGGAACAATGCCAGTCTCTGTACATTTCTAATGTCTTGTCTACTTTTTTGGCTGTA
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FOOTNOTES

FIG. 3

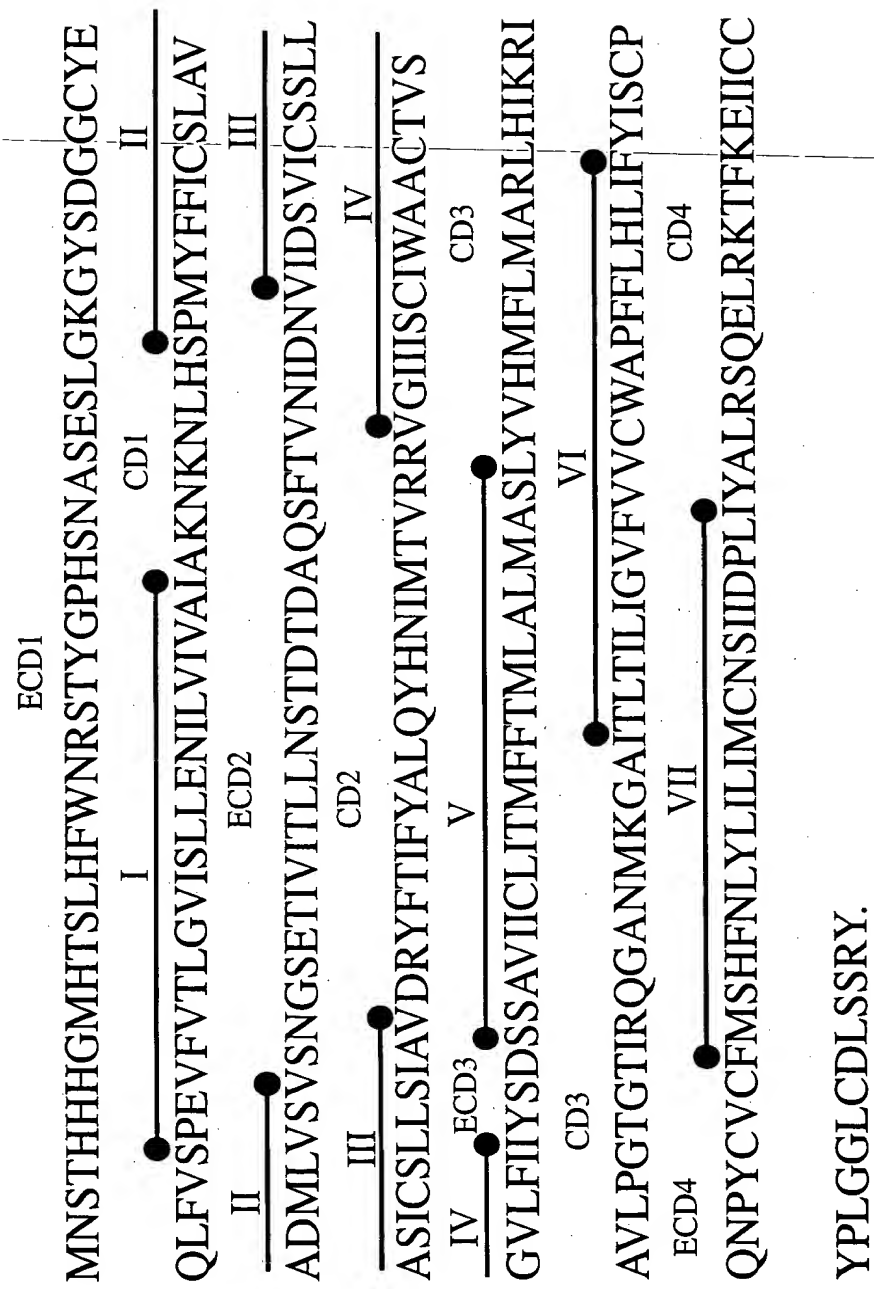


FIG. 4

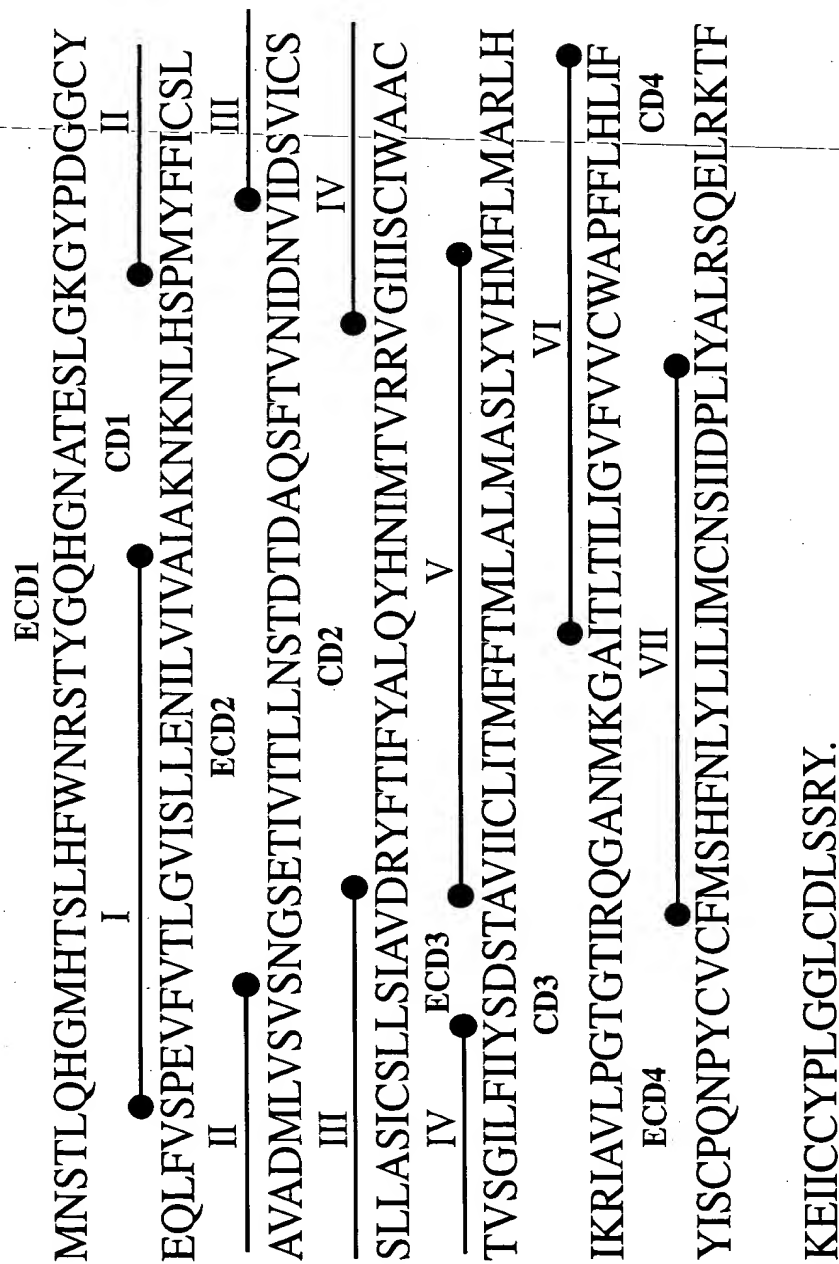
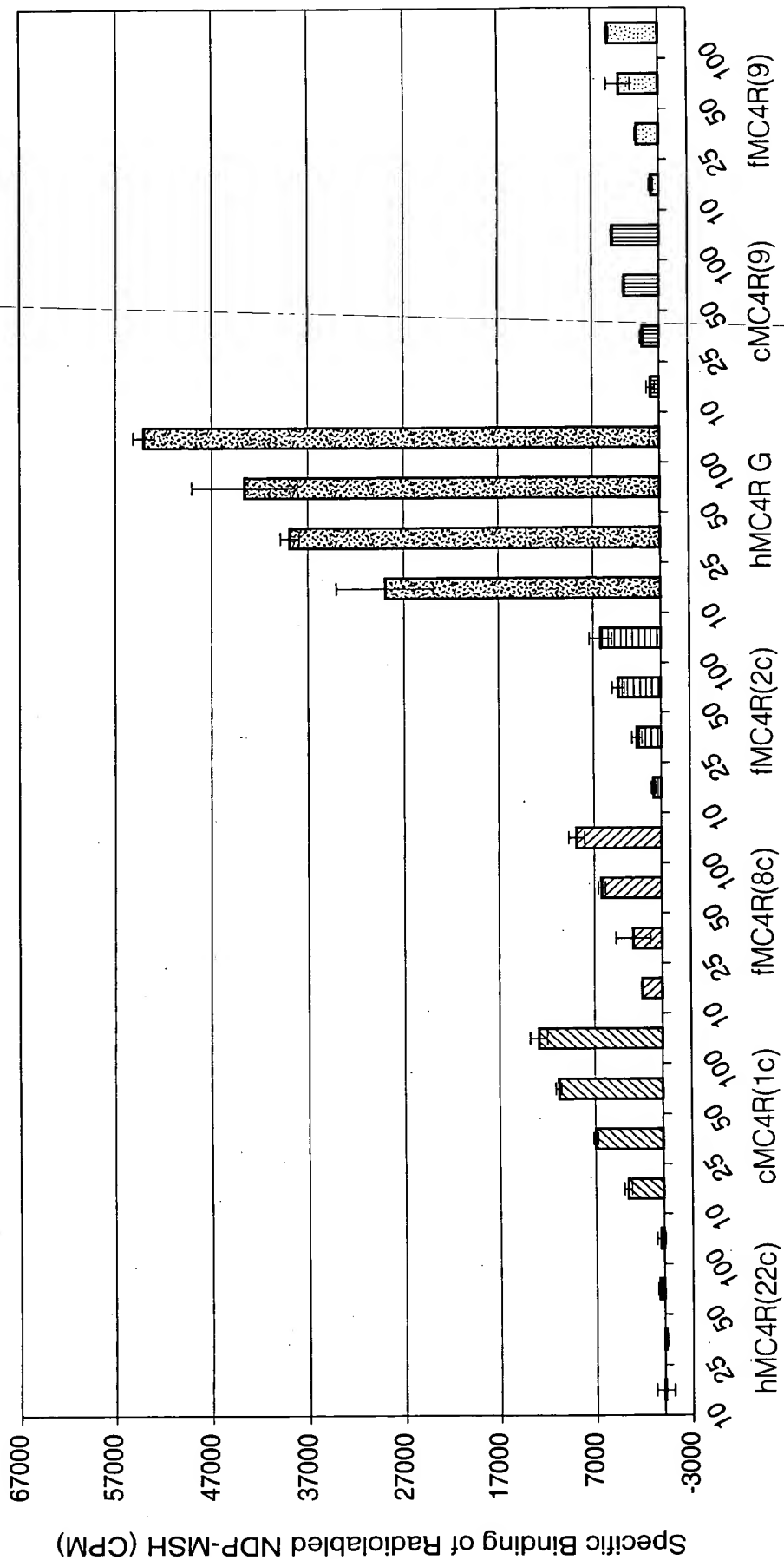


FIG. 5



FOI 50-TECH 660

FIG. 6

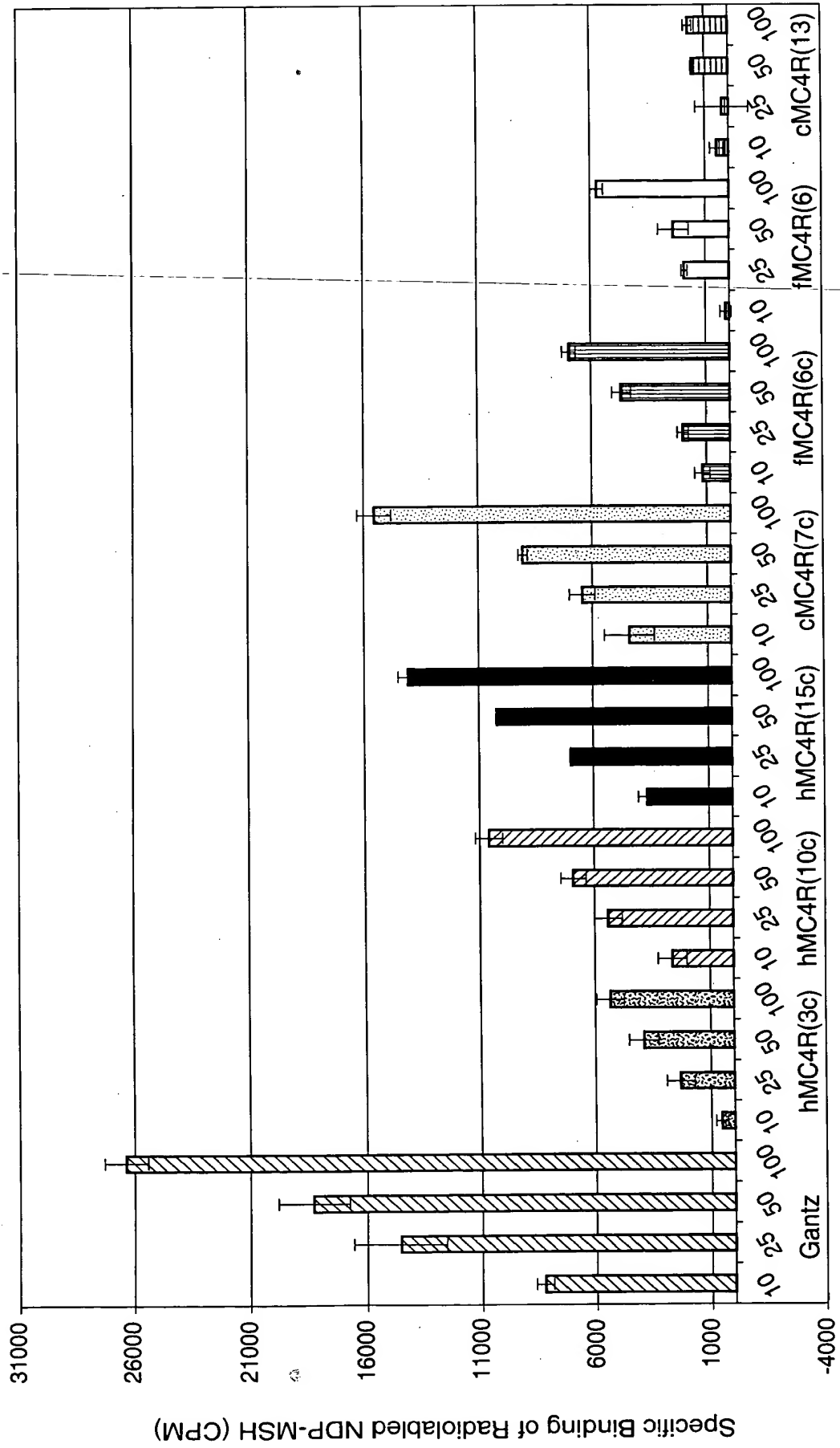
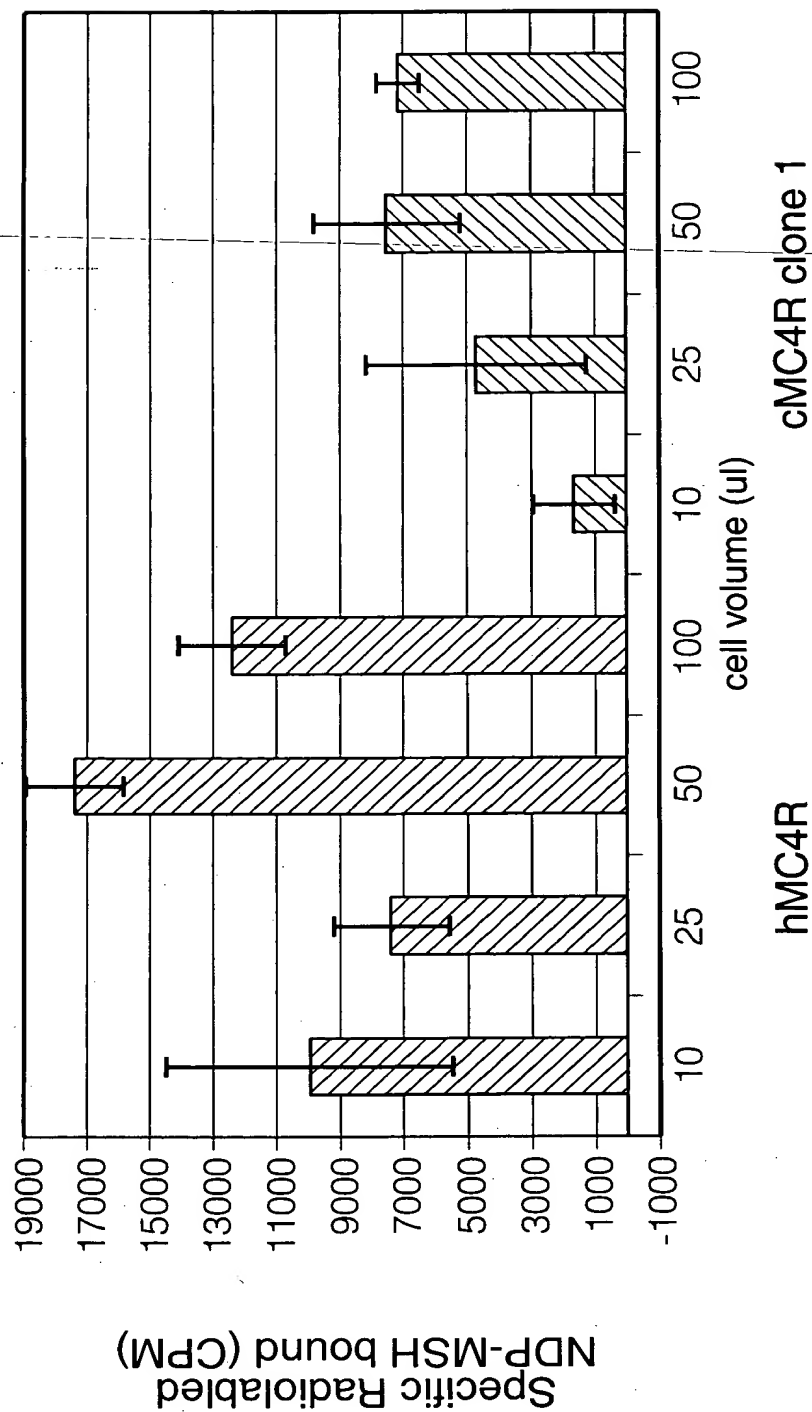


FIG. 6

FIG. 7



100150170000

FIG. 8A

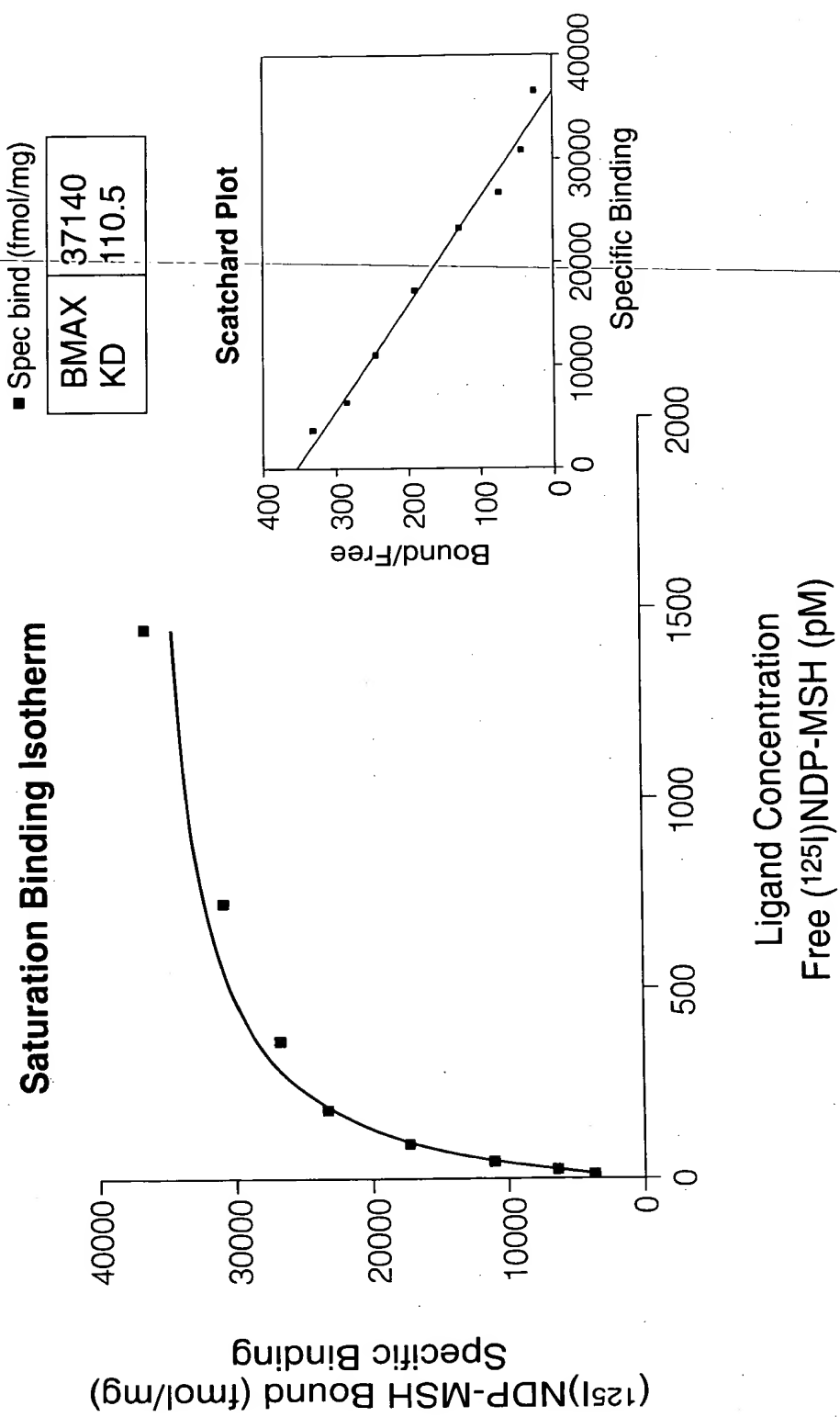


FIG. 8B

Saturation Binding Isotherm for Radiolabeled
NDP-MSH Binding to hMC3R/293 membrane

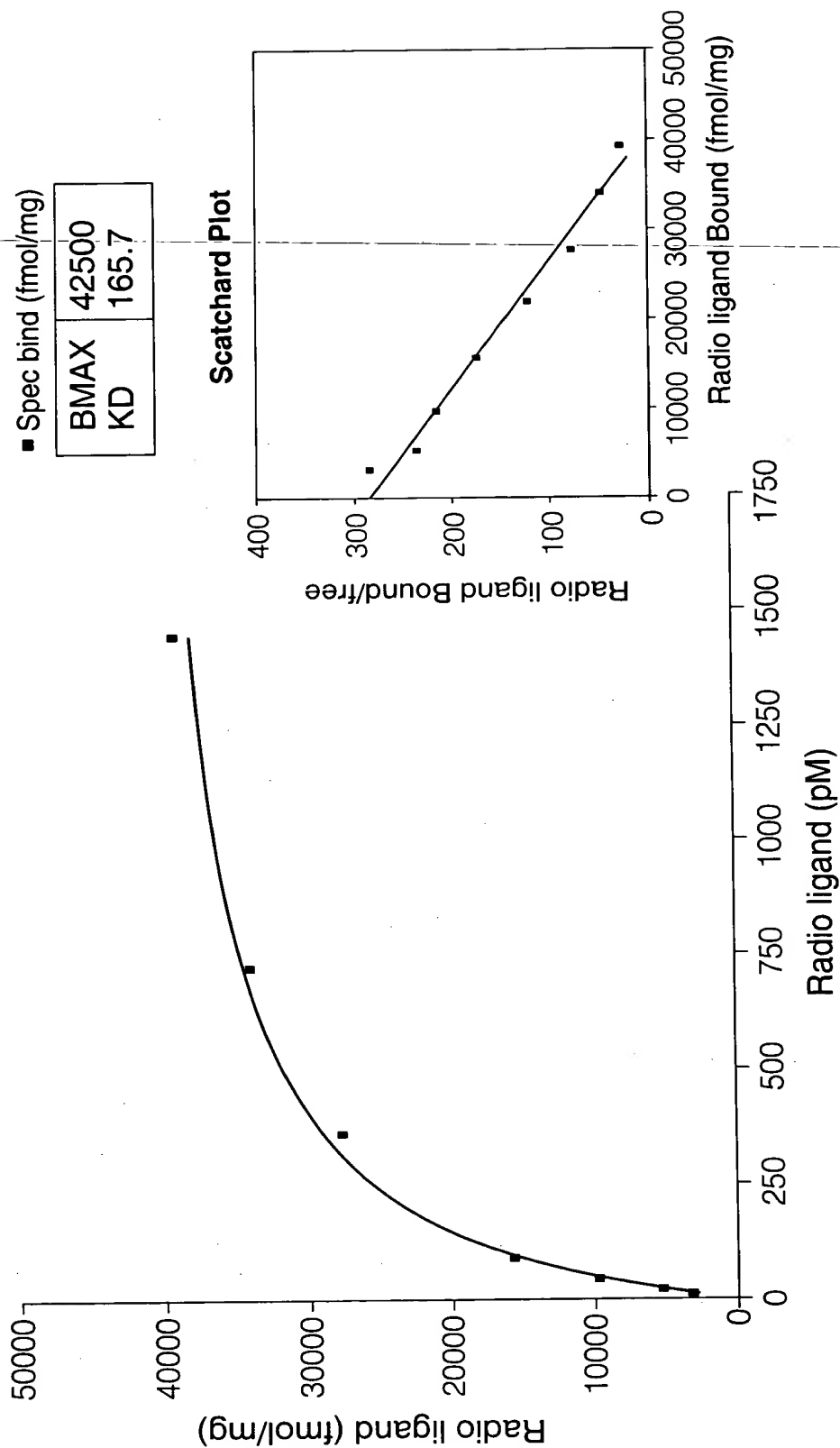
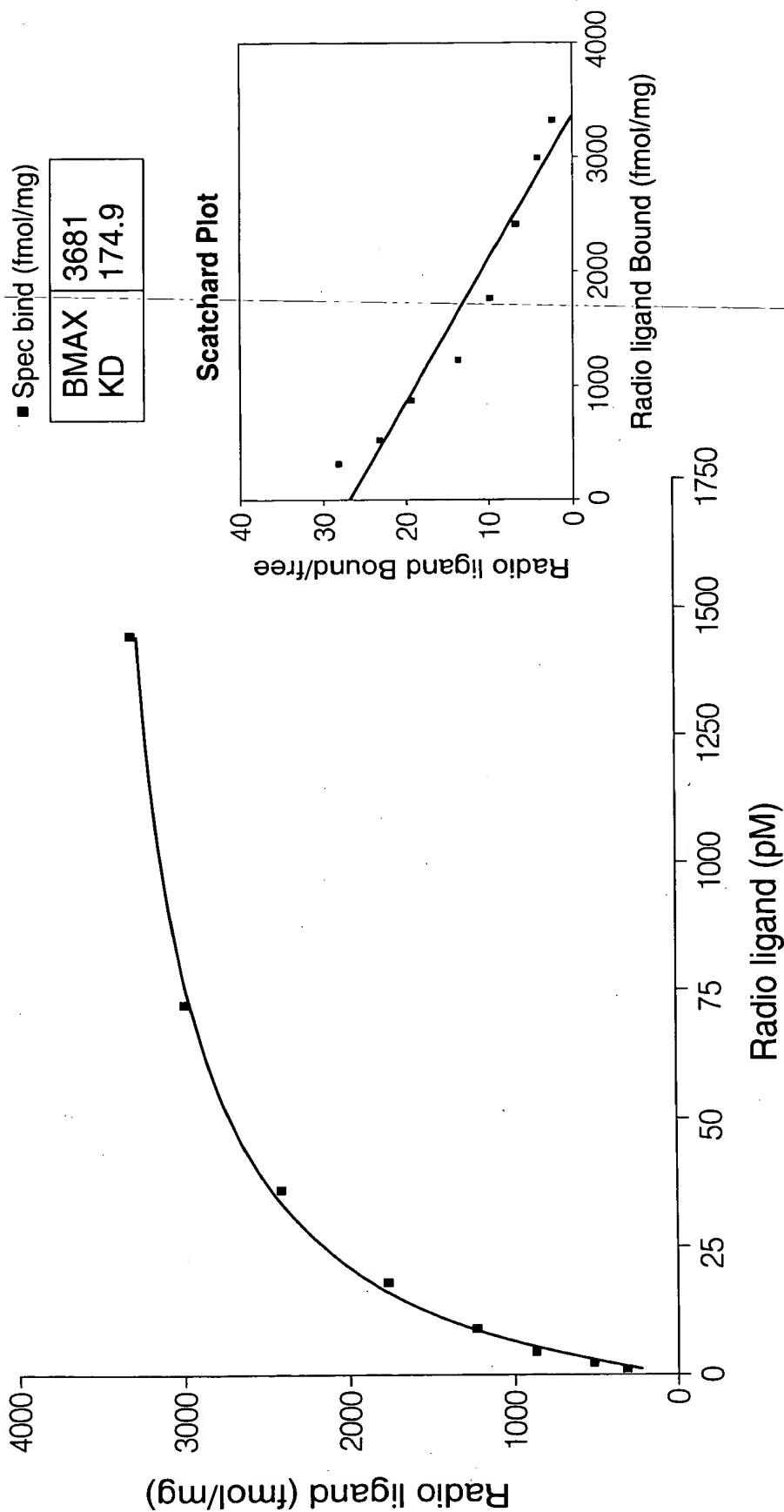


FIG. 8C

Saturation Binding Isotherm for Radiolabeled
NDP-MSH binding to cMC4R C1/293 membrane



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DATE/TIME		

h=human
c=canine

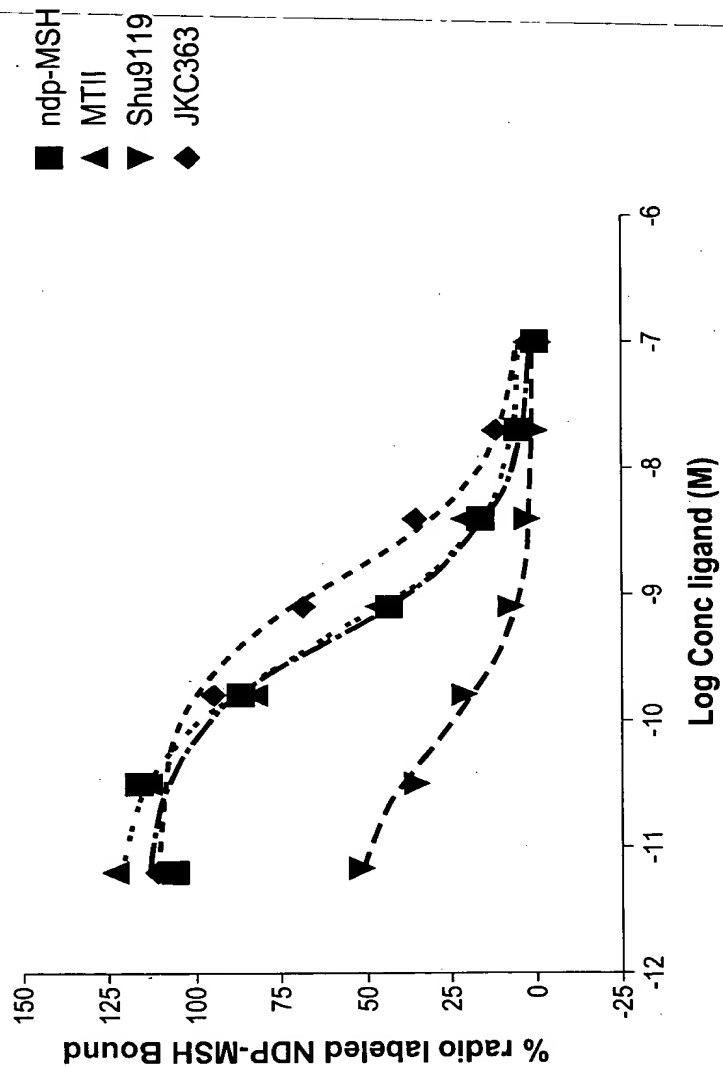
FIG. 9A

Membrane	IC50 (M)		Shu9119	JKC363
	ndp-MSH	MTII		
hMC4R	5.13E-10	3.95E-10	7.63E-11	1.31E-09
cmc4R	5.25E-10	4.01E-10	4.07E-11	9.71E-10
hMC3R	3.68E-10	2.48E-09	3.05E-10	1.51E-08

FIG. 9B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
CRAFTSMAN		

FIG. 9B



405150-TECH000

FIG. 9C

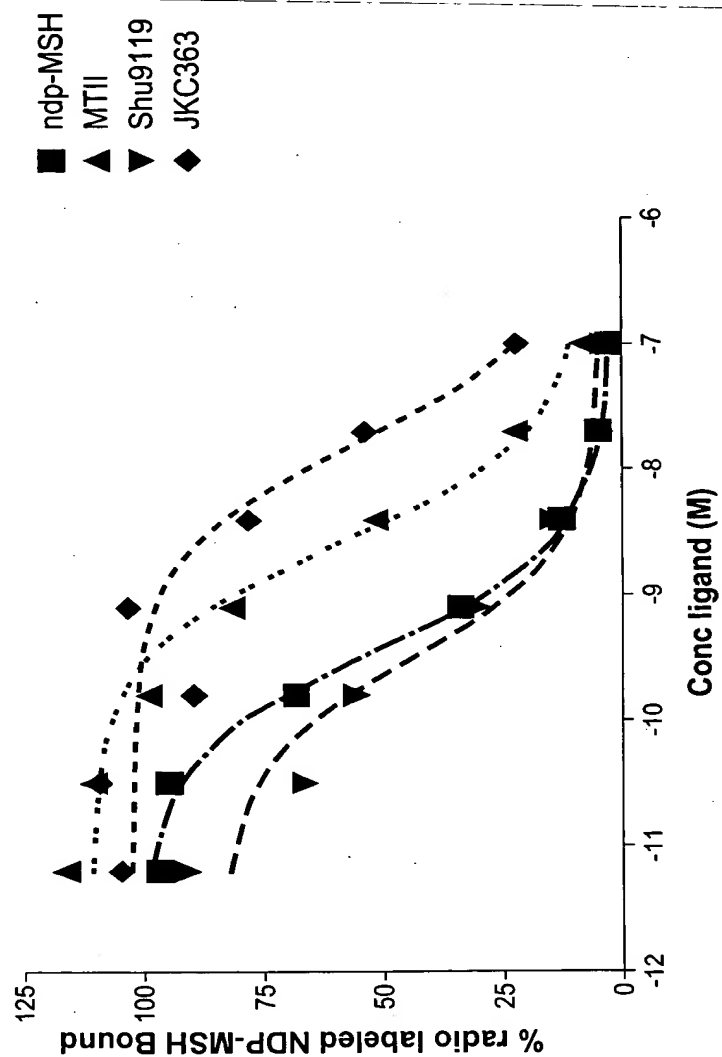


FIG. 9C

FIG. 9D

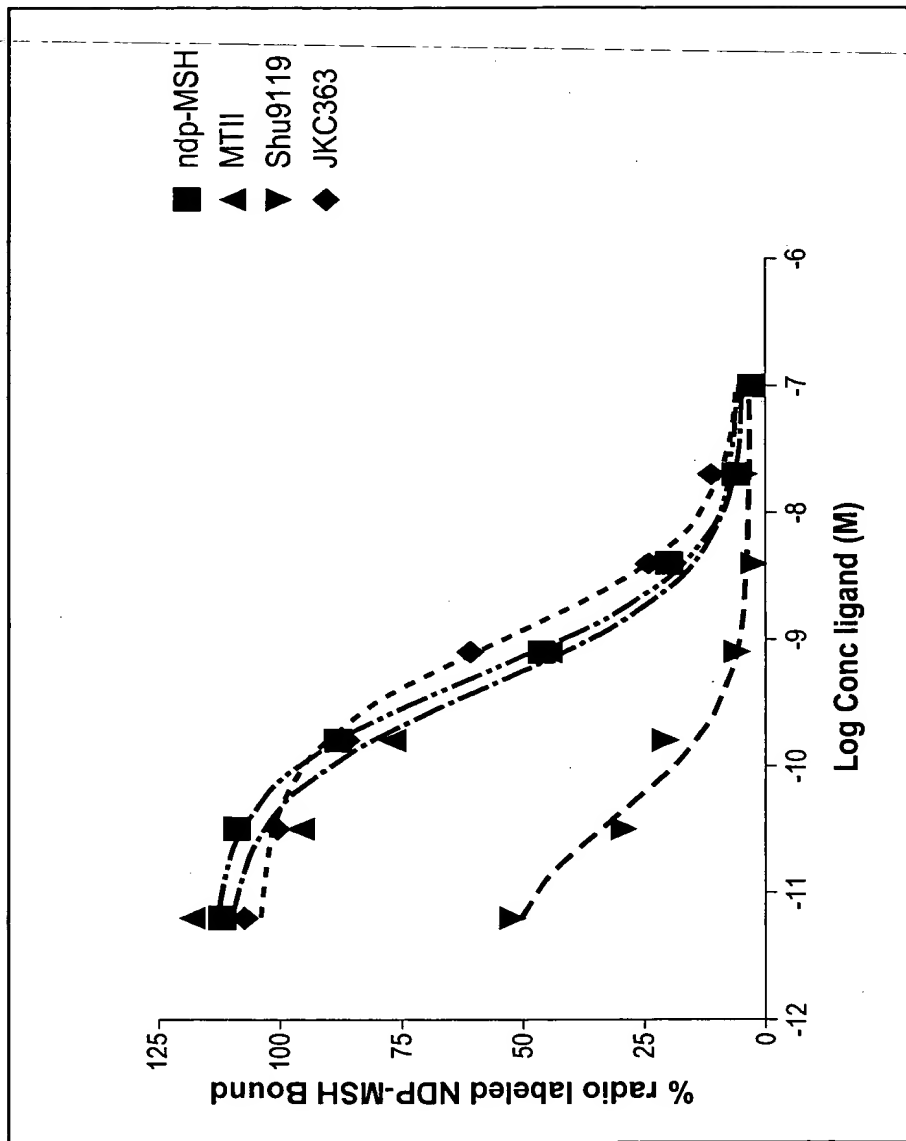


FIG. 10

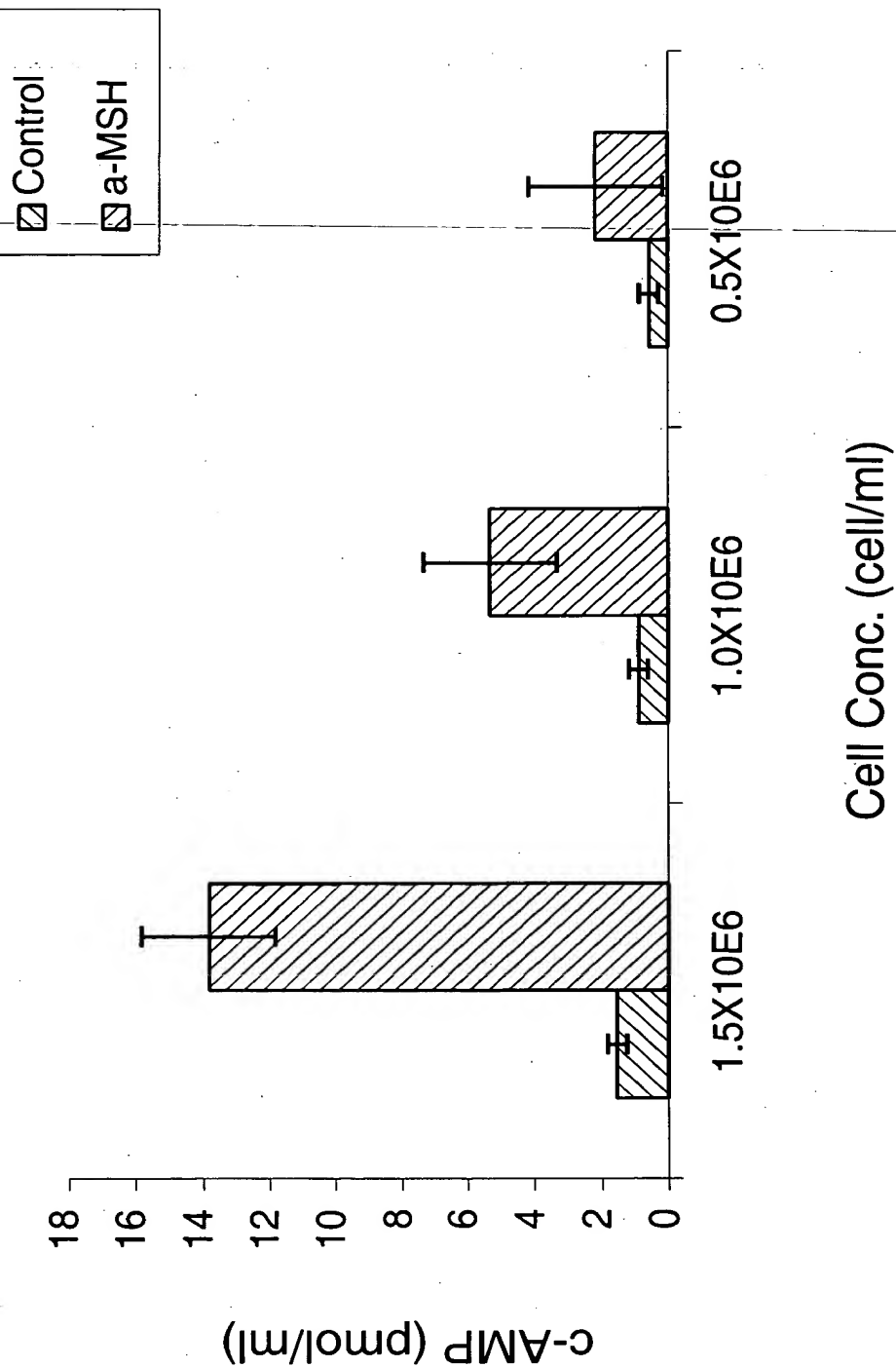


FIG. 11A

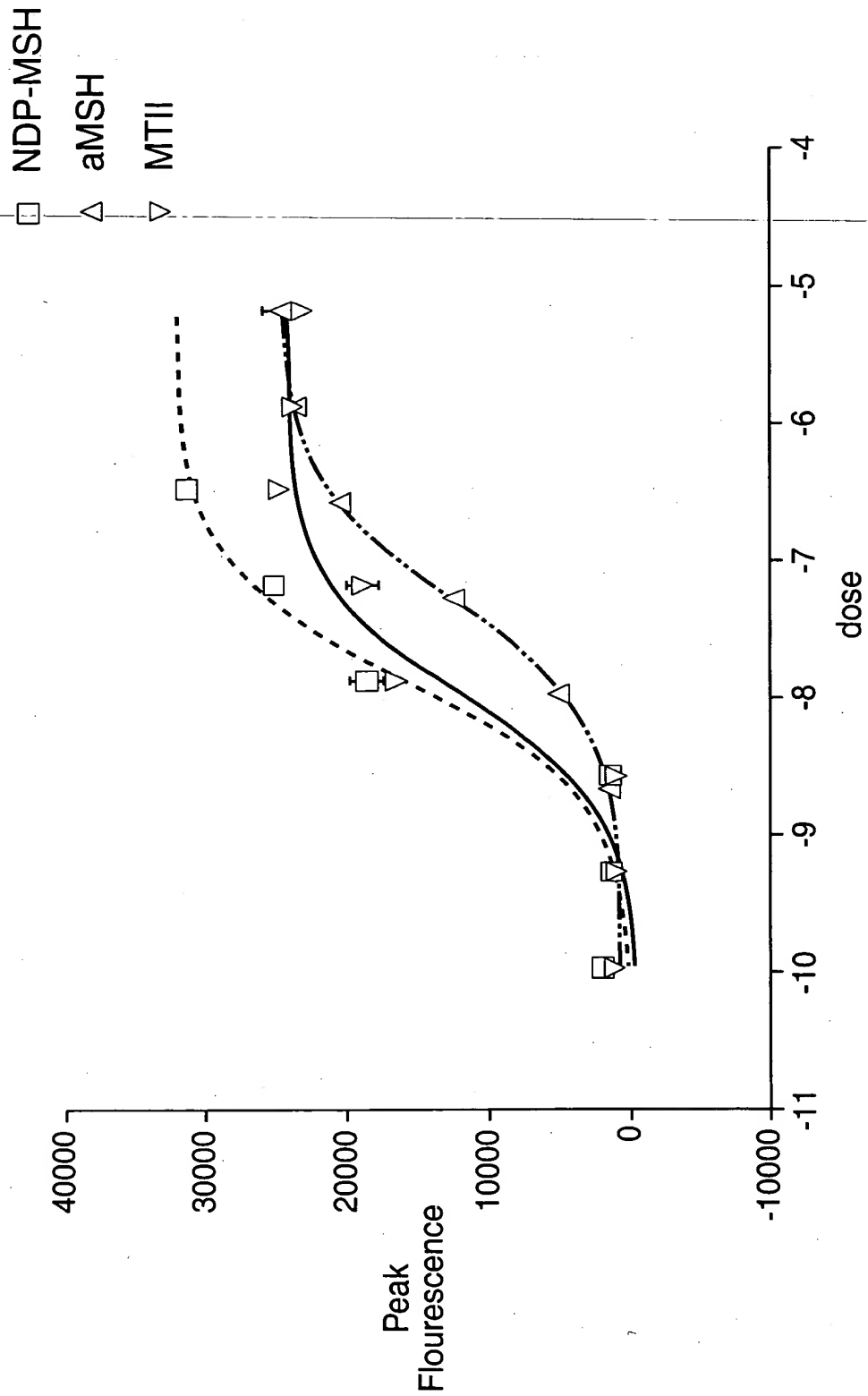
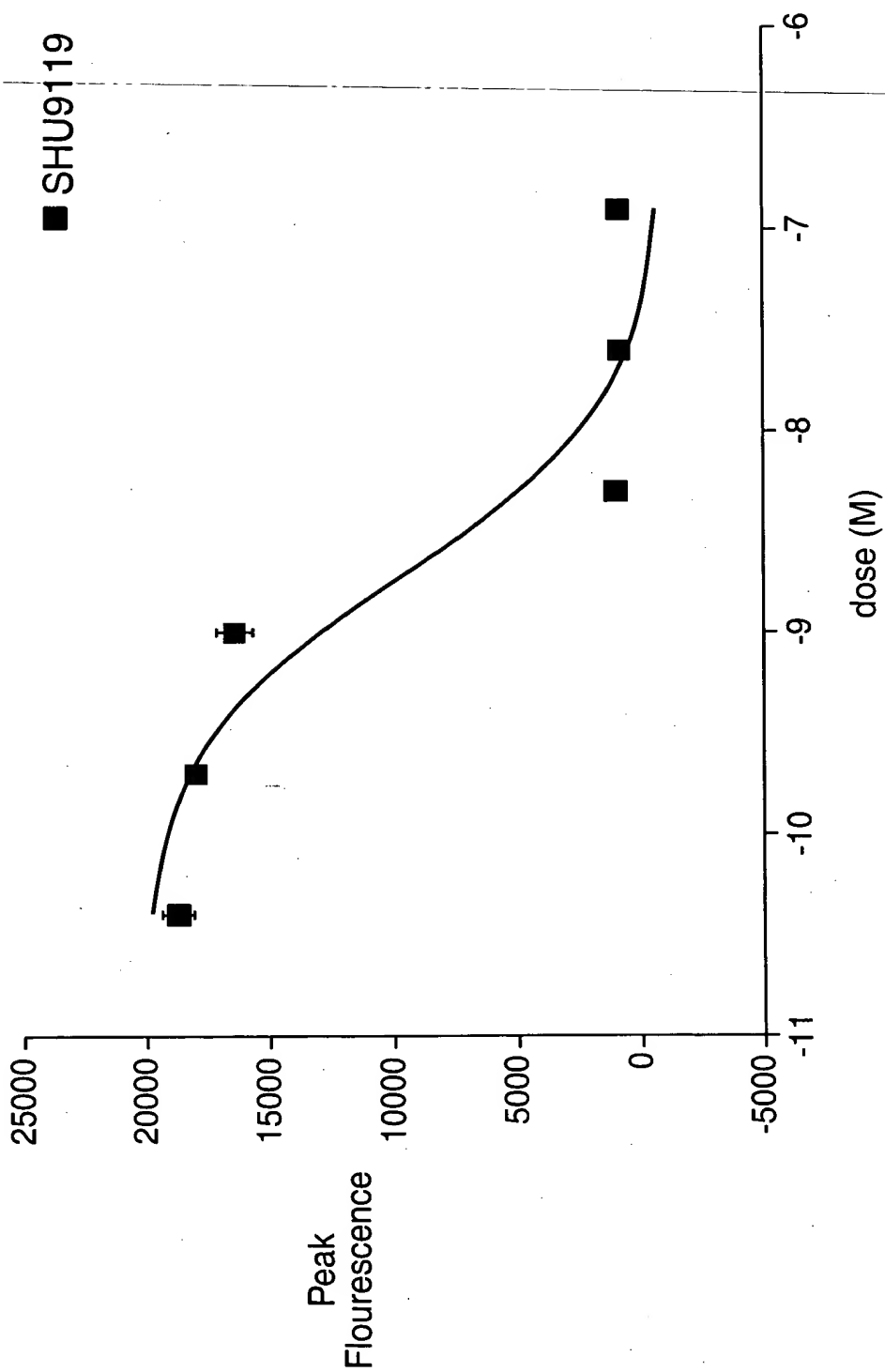


FIG. 11B



TOP SECRET

FIG. 12A

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TGACCCAGGACCCCTATAAAGTGAGCACATTCGAGAAGCCATATG
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CTGTTTCGAGAACGTGATTGCCCTCATCTACCTGGCCTCCCTGAG
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ATATCCATCACACTGGCGGCCGCTCGAGCATGCATCTAGA

00041-1-1000

FIG. 12B

gggcccgtttaaacccgctgatcagcctcgactgtgccttctagtgtccagccatctgttgtttgcccc
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FIG. 12B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 12C

Gacgagcatcacaaaaatcgacgctcaagtcagaggtggcgaaacccgacaggactataaagatacc
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FIG. 12C

FIG. 13A

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 TGCCACAGACACACAGAACATCCGCAAGGTCTTCAAGGACGTGCG
 GGAATCGGTGCTCGCCCCGCTACCTGGACGAGATCAACCTGCTGTGA
 CCCAGATCTAAAGCCGAATTCTGCAGATATCCATCACACTGGCGGCC
 GCTCGAGCATGCATCTAGA

FIG. 13A

FIG. 13B

ctagagggccccgtttaaacccgctgatcagccctgactgtgccttctagtggccagccatctgtgtttgccc
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